# LIMA LOCOMOTIVE WORKS

INCORPORATED

LIMA, OHIO, U. S. A.

36-2 TON GEARED LOCOMOTIVE

## PURCHASING DEPARTMENT

### MATERIAL

Order No. 407 (3245) 1923 Engine Scheduled Out 45 DAYS

Order No. _____ 19____ " " " _____

Order No. _____ 19____ " " " _____

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Date of Issue 10-3 1923

Date Delivered to Purchasing Dept. 10-4 1923

Date Delivered to Stores Dept. 10-4 1923

ED-193

407 (3245) 36-2

407 3245

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# ADDITIONS AND CHANGES AFTER ISSUE OF BOOK

| ADDITIONS | | | CHECK |
|---|---|---|---|
| DATE | PAGE | ITEMS | |
| 10-6-23 | 1, | 2-3-4. | S |
| " " " | 4 | 2-3-4-5. | S |
| 10-17-23 | 6 | 40 To 44 | EO. |
| 10-27-23 | 4 | 23 | EO |
| 11-14-23 | 6 | 2 | S |
| 12-17-23 | 6 | 27 | EO |

| ADDITIONS | | | CHECK |
|---|---|---|---|
| DATE | PAGE | ITEMS | |

| CHANGES | | | CHECK |
|---|---|---|---|
| DATE | PAGE | ITEMS | |
| 10-6-23 | 3 | 46 | EO. |
| — | — | — | — |
| 11-7-23 | 12 | 46. | EO |
| 11-20-23 | 13 | 42 | EO |
| 12-4-23 | 6 | 27 | S |

# PLATES

| | CHECK COLUMN | DATE ADDED INFORMATION DRAFT ROOM | NUMBER REQUIRED | NAME OF DETAIL | DESCRIPTION | SPECIAL MATERIAL SPEC. No. | SPECIAL MATERIAL DATE ACCEPTED | ORDERED FROM | PUR. ORDER No. | PUR. ORDER DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 10—Ash Pan** | | | | | | |
| 2 | 8 | ✓ | 2 | OIL Pan Plates | $10\frac{1}{2}$" x $39\frac{1}{2}$" } $\frac{3}{16}$" TANK STEEL | | | | | |
| 3 | 8 | ✓ | 2 | " " " | $10\frac{1}{2}$" x 56" | | | | | |
| 4 | 8 | ✓ | 1 / 1 | " " " | 40" x 56" / 7" x $33\frac{1}{2}$" | | | | | |
| 5 | | | | **Group 13—Boiler** | | | | | | |
| 6 | 8 | ✓ | 1 SET | Boiler Plates | 13MO 5025 | A.S.M.E. | | | | |
| 7 | | | | " Gusset Plates | | | | | | |
| 8 | | | | " " " | | | | | | |
| 9 | | | | " " " | | | | | | |
| 10 | | | | " " " | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | **Group 20—Brake Equipment** | | | | | | |
| 14 | | | | Brake Cyl. Bracket | | | | | | |
| 15 | | | | " " " | | | | | | |
| 16 | | | | " " " | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | — | **Group 21—Bumpers** | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | **Group 22—Cab** | | | | | | |
| 23 | | | — | Cab Plates | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | | | | **Group 23—Cab Details** | | | | | | |
| 27 | 8 | | 1 | Cab Saddle Plate | 22" x $68\frac{1}{4}$" } $\frac{3}{16}$" TANK STEEL | | | | | |
| 28 | 8 | | 4 | " Joint " | 6" x $17\frac{1}{4}$" | | | | | |
| 29 | | | — | " Ventilator Plate | | | | | | |
| 30 | | | — | " " Cover | | | | | | |
| 31 | | | | | | | | | | |
| 32 | | | | | | | | | | |
| 33 | | | | **Group 32—Cylinder Details** | | | | | | |
| 34 | 8 | | 3 | Cyl. Head Casing | $\frac{1}{8}$" x $18\frac{1}{2}$" DIA. } SOFT STEEL | | | | | |
| 35 | 8 | | 3 | St. Chest " | $\frac{1}{8}$" x 16 $\frac{5}{8}$" x $18\frac{3}{4}$" | | | | | |
| 36 | | | | | | | | | | |
| 37 | | | | | | | | | | |
| 38 | | | | **Group 36—Dome** | | | | | | |
| 39 | 8 | | 1 | Dome Casing Shell | 31" x 98" } #10 Soft Steel | | | | | |
| 40 | 8 | | 1 | " " Top | 40" ~~34½"~~ DIA. } #10 $\frac{3}{16}$ SOFT STEEL } FOR FUTURE | | | | | |
| 41 | 8 | | 1 | " " Flow Bowl | $6\frac{1}{2}$" x $35\frac{1}{2}$" } #10 Soft Steel | | | | | |
| 42 | | | | | | | | | | |
| 43 | | | | | | | | | | |
| 44 | | | | **Group 37—Drawgear** | | | | | | |
| 45 | | | | Drawgear Shims | | | | | | |
| 46 | | | | " Tie Plate | | | | | | |
| 47 | | | | " " " | | | | | | |
| 48 | | | | " Carrier Plate | | | | | | |
| 49 | | | | " " Bolt Liner | | | | | | |
| 50 | | | | | | | | | | |
| 51 | | | | | | | | | | |
| 52 | | | | **Group 48—Frame and Details** | | | | | | |
| 53 | | | | Frame Plate—Right | | | | | | |
| 54 | | | | " " —Left | | | | | | |
| 55 | | | | " Reinforcing Plate | | | | | | |
| 56 | | | | " " " | | | | | | |
| 57 | | | | " Spreader | | | | | | |
| 58 | | | | " " | | | | | | |
| 59 | | | | | | | | | | |

# PLATES

| | CHECK COLUMN | DATE ADDED INFORMATION DRAFT ROOM | NUMBER REQUIRED | NAME OF DETAIL | DESCRIPTION | SPECIAL MATERIAL SPEC. No. | SPECIAL MATERIAL DATE ACCEPTED | ORDERED FROM | PUR. ORDER No. | PUR. ORDER DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 48—Frame & Det. Con't** | | | | | | |
| 2 | | | | Frame Liner Plate | | | | | | |
| 3 | | | | " " " | | | | | | |
| 4 | | | | " " " | | | | | | |
| 5 | | | | " " " | | | | | | |
| 6 | | | | " " " | | | | | | |
| 7 | | | | " " " | | | | | | |
| 8 | | | | | | | | | | |
| 9 | 8 | | 1 | Expansion Plate | ½"X18"X62" } TANK STEEL | | | | | |
| 10 | 8 | | 1 | " " | ½"X28½"X65" } | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | **Group 53—Hand Rail & Steps** | | | | | | |
| 13 | | | | Cab Step | | | | | | |
| 14 | | | | " " | | | | | | |
| 15 | | | | " " | | | | | | |
| 16 | | | | " " | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | **Group 54—Headlights** | | | | | | |
| 19 | 8 | | 1 | Headlight Bracket | ¼"x26"x29" } TANK STEEL. | | | | | |
| 20 | 8 | | 1 | " Shelf | 3/16"x20"x30" } | | | | | |
| 21 | 8 | | 1 | " " | 3/16"x18"x24" } | | | | | |
| 22 | | | — | Generator Bracket | | | | | | |
| 23 | 8 | | 1 | " Shelf | ¼"x16"x19" TANK STEEL. | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | **Group 57—Lagging & Jacket** | | | | | | |
| 26 | 8 | | 2 | Jacket—Boiler | 30"x60" } #22 B.W.G. PICKLED STEEL | | | | | |
| 27 | 8 | | 6 | " — " | 30"x72" } | | | | | |
| 28 | 8 | | 5 | " — " | 30"x96" } | | | | | |
| 29 | | | | " — " | | | | | | |
| 30 | | | | " — " | | | | | | |
| 31 | | | | " Band | | | | | | |
| 32 | | | | " —Cylinder | | | | | | |
| 33 | | | | | | | | | | |
| 34 | 8 | | 1 | Cylinder Hood | #16x3½"x82½" PICKLED STEEL | | | | | |
| 35 | | | — | " " | | | | | | |
| 36 | | | | | | | | | | |
| 37 | | | | **Group 59—Oil Cups & Lub't'n** | | | | | | |
| 38 | | | — | Oil Can Shelf | | | | | | |
| 39 | | | | | | | | | | |
| 40 | | | | **Group 60—Oil Burner** | | | | | | |
| 41 | 8 | | 1 | Oil Heater Jacket | #16x15"x65" PICKLED STEEL | | | | | |
| 42 | | | — | " " Support | | | | | | |
| 43 | | | | | | | | | | |
| 44 | | | | **Group 62—Pilot & Snow Plow** | | | | | | |
| 45 | | | — | Snow Plow | | | | | | |
| 46 | | | — | " " | | | | | | |
| 47 | | | | | | | | | | |
| 48 | | | | **Group 68—Reverse Lever** | | | | | | |
| 49 | | | | Reverse Lever Quad. Plate | | | | | | |
| 50 | | | | " " " Bracket | | | | | | |
| 51 | | | | " " " " | | | | | | |
| 52 | | | | | | | | | | |
| 53 | | | | **Group 71—Running Boards** | | | | | | |
| 54 | 8 | | 1 | Running Board DECK PLATE | 3/16"x22"x45" TANK STEEL | | | | | |
| 55 | | | | " " Bracket | | | | | | |
| 56 | | | | " " " | | | | | | |
| 57 | | | | " " " | | | | | | |
| 58 | | | | " " " | | | | | | |
| 59 | | | | | | | | | | |

# PLATES

| | CHECK COLUMN | DATE ADDED INFORMATION DRAFT ROOM | NUMBER REQUIRED | NAME OF DETAIL | DESCRIPTION | SPECIAL MATERIAL SPEC. No. | SPECIAL MATERIAL DATE ACCEPTED | ORDERED FROM | PUR. ORDER No. | PUR. ORDER DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 73—Sand Box** | | | | | | |
| 2 | | | — | Sand Box Top—Front | | | | | | |
| 3 | | | — | " " Shell " | | | | | | |
| 4 | | | | | | | | | | |
| 5 | 8 | | 2 | Sand Box Plate—Rear | 35" x 70" } #12 TANK STEEL | | | | | |
| 6 | 8 | | 1 | " " " — " | 8½" x 56½" } #12 TANK STEEL | | | | | |
| 7 | 8 | | 1 | " " " — " | 8½" x 60" } #12 TANK STEEL | | | | | |
| 8 | | | | | | | | | | |
| 9 | 8 | | 1 | Sand Box Plate—Flue Sander | 30" x 97½" } #10 TANK STEEL | | | | | |
| 10 | 8 | | 2 | " " " — " " | 18" x 40" } #10 TANK STEEL | | | | | |
| 11 | 8 | | 1 | " " " — " " | 10" x 10" } #10 TANK STEEL | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | **Group 75—Smoke Box & Stack** | | | | | | |
| 14 | | | — | Smoke Box Front | | | | | | |
| 15 | | | — | " " Door | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | — | Deflector Plate | | | | | | |
| 18 | | | | " " | | | | | | |
| 19 | | | — | " " | | | | | | |
| 20 | | | | | | | | | | |
| 21 | 8 | | 2 | Draft Pipe | .078" x 7" x 37" } TANK STEEL | | | | | |
| 22 | 8 | | 2 | " " | .078" x 7" x 31" } TANK STEEL | | | | | |
| 23 | 8 | | 1 | " " | .078" x 16" x 55" } TANK STEEL | | | | | |
| 24 | 8 | | 1 | " " | .078" x 16" x 50" } TANK STEEL | | | | | |
| 25 | | | | | | | | | | |
| 26 | | | — | Smoke Stack Plates | | | | | | |
| 27 | | | | | | | | | | |
| 28 | | | | **Group 78-St. Ga., S. Val. & Tur.** | | | | | | |
| 29 | | | — | Auxiliary Turret Casing | | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | **Group 81—Superheater** | | | | | | |
| 32 | | | — | Superheater Damper | | | | | | |
| 33 | | | — | " Pipe Jacket | | | | | | |
| 34 | | | | | | | | | | |
| 35 | | | | **Group 83—Tank Engine** | | | | | | |
| 36 | | | — | Fuel Bunk Plates | | | | | | |
| 37 | | | | | | | | | | |
| 38 | | | | **Group 85—Tender Frame** | | | | | | |
| 39 | | | — | Tender Frame Brace Plate | | | | | | |
| 40 | | | | | | | | | | |
| 41 | | | | **Group 88—Tender Tank** | | | | | | |
| 42 | 8 | | 1 SET | Tank Plates—Water | M.O. 2682-B | | | | | |
| 43 | 8 | | 1 | " Funnel | 3/16" x 28½" x 49½" } TANK STEEL | | | | | |
| 44 | 8 | | 1 | " " Cover | 3/8" x 19" DIA. } TANK STEEL | | | | | |
| 45 | 8 | | 1 SET | " Plates—Oil | M.O. 368-A 127" | | | | | |
| 46 | 8 | | 1 | " Shoveling Sheet | 3/16" x 54" x ~~48~~ TANK STEEL | | | | | |
| 47 | | | — | " " " | | | | | | |
| 48 | | | — | " Coal Gate | | | | | | |
| 49 | | | | **Group 91—Trottle & Dry Pipe** | | | | | | |
| 50 | | | — | Throttle Baffle Plate | | | | | | |
| 51 | | | — | " " " | | | | | | |
| 52 | | | | | | | | | | |
| 53 | | | | **Group 93—Truck & Details** | | | | | | |
| 54 | C | | 4 | Truck Bolster Plate | 3/8" x 11" x 64¾" } TANK STEEL | | | | | |
| 55 | 8 | | 2 | " " " | 3/8" x 11" x 62½" } TANK STEEL | | | | | |
| 56 | 8 | | 2 | " " " | 1/4" x 11" x 85" } TANK STEEL | | | | | |
| 57 | | | | | | | | | | |
| 58 | 8 | | 8 | Truck Gear Cover | ⅛" x 7½" x 29½" } TANK STEEL | | | | | |
| 59 | 8 | | 16 | " " " | ⅛" x 9" x 23" } TANK STEEL | | | | | |

3/4 A5011
A-15910



# BARS, SHAPES AND BILLETS

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|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 10—Ash Pan** | | | | | | |
| 2 | 8 | ✓ | 20 FT. | Angle | 3" x 3" x 3/8" | | | | | |
| 3 | 8 | ✓ | 3 " | " | 3" x 2 1/2" x 3/8" | | | | | |
| 4 | 8 | ✓ | 3 " | " | 2 1/2" x 2 1/2" x 5/16" | | | | | |
| 5 | 8 | ✓ | 13 " | ~~Bar Iron~~ " | 2" x 2" x 1/4" | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | **Group 11—Axle** | | | | | | |
| 8 | 8 | ✓ | 4 | Axle Billet | 6 1/2" x 6 1/2" x 595# | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | **Group 14—Boiler Details** | | | | | | |
| 11 | | | — | Angles | | | | | | |
| 12 | 8 | ✓ | 1 | Brace Tee | 6" x 1" x 5 1/4" x 1 1/4" - 7'-6" LONG | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | 7 | Crown Bar | | | | | | |
| 15 | | | | " " | | | | | | |
| 16 | | | | " " | | | | | | |
| 17 | 8 | ✓ | 1 SET | Stay Bolt Iron | 156 FT. 15/16" DIA. | | | | | |
| 18 | 8 | ✓ | 1 " | " " " | 75 " 1" " | | | | | |
| 19 | 8 | ✓ | 1 " | " " " —Hollow | 185 " 1" " - ROME HOLLOW | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | **Group 20—Brake Equipment** | | | | | | |
| 22 | 8 | ✓ | 4 | Brake Beam | 8"-20 1/2# EYE BEAM 64" LONG | | | | | |
| 23 | | ✓ | 2 | " Cyl. Bracket Channel | 12"-30# CHANNEL 52 1/8" LONG | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | **Group 21—Bumper** | | | | | | |
| 26 | 8 | ✓ | 2 | End Timber Channel | 10"-30# CHANNEL 92" LONG | | | | | |
| 27 | | | — | " " " | | | | | | |
| 28 | | | | | | | | | | |
| 29 | | | | **Group 22 & 23—Cab & Details** | | | | | | |
| 30 | | | 7 | Cab Angle | | | | | | |
| 31 | | | | " " | | | | | | |
| 32 | | | | " Beading | | | | | | |
| 33 | | | | " " | | | | | | |
| 34 | 8 | | 1 | " Saddle Angle | 2" x 2" x 1/4" - 42" LONG | | | | | |
| 35 | | | | | | | | | | |
| 36 | | | | **Group 48—Frame and Details** | | | | | | |
| 37 | 8 | | 1 | Frame—Right | 10"-40# EYE BEAM 32'-0" LONG | | | | | |
| 38 | 8 | | 1 | " —Left | | | | | | |
| 39 | 8 | | 4 | " Body Bolster | 10"-30# CHANNEL 51" LONG | | | | | |
| 40 | | | — | " Spreader | | | | | | |
| 41 | | | — | " Brace | | | | | | |
| 42 | 8 | | 9 FT. | " Angle | 6" x 6" x 1/2" | | | | | |
| 43 | 8 | | 8 " | " " | 6" x 3 1/2" x 1/2" | | | | | |
| 44 | | | | " " | | | | | | |
| 45 | | | | " " | | | | | | |
| 46 | | | | " " | | | | | | |
| 47 | | | | " " | | | | | | |
| 48 | | | | " " | | | | | | |
| 49 | | | | | | | | | | |
| 50 | | | | **Group 57—Lagging & Jacket** | | | | | | |
| 51 | 8 | | 1 | Cylinder Hood Angle | 1 1/2" x 1 1/2" x 1/4" - 13'-0" LONG | | | | | |
| 52 | | | | | | | | | | |
| 53 | | | | **Group 71—Running Board** | | | | | | |
| 54 | | | 7 | Angle | | | | | | |
| 55 | | | | " | | | | | | |
| 56 | | | | " | | | | | | |
| 57 | 8 | | 60 FT. | Band | 1/8" x 1 3/8" | | | | | |
| 58 | | | | | | | | | | |
| 59 | | | | | | | | | | |

# BARS, SHAPES AND BILLETS

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|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 72—Rods** | | | | | | |
| 2 | 8 | | 1 | Billet—Rods | 3"x 5" x 254# | | | | | |
| 3 | 6 | | 1 | " — " Straps | 3½"x 5" x 152# | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | **Group 74—Shafts** | | | | | | |
| 6 | 8 | | 1 | Crank Shaft Billet | 6"x 12" x 1220# | | | | | |
| 7 | | | | | | | | | | |
| 8 | 8 | | 1 | Line Shaft—Front | 77⅞" x 4" DIA. | | | | | |
| 9 | | | — | " " —No. 2 | | | | | | |
| 10 | | | — | " " —No. 3 | | | | | | |
| 11 | 8 | | 1 | " " —Rear | 77¼" x 4" DIA. | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | **Group 75—Smoke Box & Stack** | | | | | | |
| 14 | | | 1 | Angle—Deflector Plate | | | | | | |
| 15 | | | | " —Netting | | | | | | |
| 16 | | | | " —Stack | | | | | | |
| 17 | | | | Stack Ring | | | | | | |
| 18 | | | | " Beading | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | **Group 83—Tender Tank** | | | | | | |
| 21 | | | | Fuel Bunk Angle | | | | | | |
| 22 | | | | " " Beading | | | | | | |
| 23 | | | | " " Bar Iron—Wood Rack | | | | | | |
| 24 | | | | " " " " — " " | | | | | | |
| 25 | | | | **Group 85—Tender Frame** | | | | | | |
| 26 | | | | Frame—Front | | | | | | |
| 27 | | | | " —Sides | | | | | | |
| 28 | | | | " —Bolster | | | | | | |
| 29 | | | | " Brace Channel | | | | | | |
| 30 | | | | " " " | | | | | | |
| 31 | | | | " Channel—Rear | | | | | | |
| 32 | | | | " Angle | | | | | | |
| 33 | | | | " " | | | | | | |
| 34 | | | | " " | | | | | | |
| 35 | | | | " " | | | | | | |
| 36 | | | | " " | | | | | | |
| 37 | | | | | | | | | | |
| 38 | | | | **Group 88—Tank Tender** | | | | | | |
| 39 | 8 | | 95 FT. | Tank Angle—Water | 2"x 2" x ¼" | | | | | |
| 40 | 8 | | 44" | " " — " | 2½" x 2" x 5/16" | | | | | |
| 41 | 8 | | 28" | " Beading— " | 1¼" x 5/16" HALF OVAL | | | | | |
| 42 | | | — | " Bar Iron—Wood Rack | | | | | | |
| 43 | | | | Tank Angle—Oil | 240 | | | | | |
| 44 | | | | " " —" | | | | | | |
| 45 | | | | " Beading—" | | | | | | |
| 46 | | | | " Coal Gate Angle | | | | | | |
| 47 | | | | **Group 93—Truck & Details** | | | | | | |
| 48 | 8 | | 4 | Bolster Channel | 69½" LONG } 9"-20# CHANNEL | | | | | |
| 49 | 8 | | 4 | " " | 85" " } | | | | | |
| 50 | 8 | | 4 | " " | 69⅛" " } | | | | | |
| 51 | 8 | | 2 | " " | 81" " } 6"-15½# CHANNEL | | | | | |
| 52 | 8 | | 2 | " " | 85" " } | | | | | |
| 53 | | | | | | | | | | |
| 54 | 8 | | 2 | Tie Bar | 2"x 3" x 94" | | | | | |
| 55 | 8 | | 2 | " " ~~Angle~~ | 2"x 3" x 98" | | | | | |
| 56 | | | | | | | | | | |
| 57 | | | | **Group 95—Wheels & Tires** | | | | | | |
| 58 | 8 | | 8 | Tire—Section 95M05006-A | 29" O. D 24½" I. D 5½" Wide 2¼" Thick | | | | | |
| 59 | | | | | | | | | | |

# MISCELLANEOUS DETAILS AND SPECIALTIES

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|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 10—Ash Pan** | | | | | | |
| 2 | P | | 2 | Hinge—Damper | $4\frac{1}{2}$"x$1\frac{3}{4}$"x6" HALF BUTT | | | | | |
| 3 | | | — | " —Cleaning Door | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | **Group 12—Bell** | | | | | | |
| 6 | | | — | Bell | | | | | | |
| 7 | | | — | " Ringer | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | **Group 14—Boiler Details** | | | | | | |
| 10 | | | | Flex. Bolts | | | | | | |
| 11 | | | | " " | | | | | | |
| 12 | | | | " " | | | | | | |
| 13 | | | | " " | | | | | | |
| 14 | | | | " " Sleeves | | | | | | |
| 15 | | | | " " " | | | | | | |
| 16 | | | | " " " | | | | | | |
| 17 | | | | " " Nuts | | | | | | |
| 18 | | | | " " " | | | | | | |
| 19 | | | | " " Caps | | | | | | |
| 20 | | | | " " " | | | | | | |
| 21 | 8 | ✓ | 104 | Tubes | 2" O. D. #12 B.W. Gauge 9 Ft. 0 In. | | | A.S.M.E. | | |
| 22 | | | — | Flues | O. D. Gauge Ft. In. | | | | | |
| 23 | 8 | ✓ | 104 | Ferrules—Copper | 2" O. D. 1/16 Thick 5/8" Wide | | | | | |
| 24 | | | | " — " | O. D. Thick Wide | | | | | |
| 25 | | | | | | | | | | |
| 26 | | | | **Group 20—Brake Equipment** | | | | | | |
| 27 | 8 | ✓ | 1 SET | Brake—Air | ~~8~~ 20 EMO 5013-C 49071 INSTEAD OF 4776 EXCEPT PLAIN HEAD | | | | | |
| 28 | | | — | " —Trans. Air | | | | | | |
| 29 | 8 | ✓ | 9 | " —Shoes | (S) PAT. 20-10 | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | **Group 21—Bumper** | | | | | | |
| 32 | 8 | ✓ | 2 | End Timber | 8"x10½"x96". | | | | | |
| 33 | 8 | ✓ | 2 | " " | 8½"x12"x96". | | | | | |
| 34 | | | — | " " | | | | | | |
| 35 | | | — | " " | | | | | | |
| 36 | | | | | | | | | | |
| 37 | 8 | ✓ | 2 | End Timber Drawhead Blocks | 22"x11½"x4½". | | | | | |
| 38 | | | | | | | | | | |
| 39 | | | | **Group 23—Cab Details** | | | | | | |
| 40 | 0 | | —1 | ~~Curtain~~ "XX" CAB WINDOW GLASS | 7"x19". | | | | | |
| 41 | 0 | | 1 | " " " " | 8"x18". | | | | | |
| 42 | 0 | | 1 | ~~Hinge—Door~~ " " | 12"x16". | | | | | |
| 43 | 0 | | 2 | " ~~—Window~~ " | 10"x20". | | | | | |
| 44 | 0 | | 4 | " ~~—Ventilator~~ " | 20"x24". | | | | | |
| 45 | | | | | | | | | | |
| 46 | | | — | Seat Cushion | | | | | | |
| 47 | | | | | | | | | | |
| 48 | | | — | Sliding Door Roller & Hangers | | | | | | |
| 49 | | | — | " " Track | | | | | | |
| 50 | | | | | | | | | | |
| 51 | | | | **Group 26—Cocks & Valves** | | | | | | |
| 52 | 8 | | 1 | Valve—Air Pump | 1" CRANE # 1811. | | | | | |
| 53 | | | — | " — " " Inter. | | | | | | |
| 54 | 8 | | 1 | " — " " Drain | 1/4" AIR COCK. | | | | | |
| 55 | 8 | | 1 | " —Blower | 1" CRANE #1813 | | | | | |
| 56 | 8 | | 1 | " —Brake | ¾" " #1811. | | | | | |
| 57 | 8 | | 1 | " — " Exhaust Drain | ½" " GLOBE #1807. | | | | | |
| 58 | 8 | | 1 | " ~~—Bell Ringer~~ BLOWER | ¾" GLOBE-CRANE #1807. | | | | | |
| 59 | 8 | | 2 | " —Check Pipe Drain | ½" " - " #1807. | | | | | |

# MISCELLANEOUS DETAILS AND SPECIALTIES

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|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 26—Cocks & Valves Con't** | | | | | | |
| 2 | ✓ | | 1 | Valve—Exhaust Drain | 1/2" GLOBE } CRANE #1807. | | | | | |
| 3 | ✓ | | 1 | " —Fuel Sprinkler | 1/2" " } | | | | | |
| 4 | ✓ | | 1 | " — " " Drain | 1/4" AIR COCK | | | | | |
| 5 | ✓ | | 1 | " —Generator | 3/4" CRANE #1811 " | | | | | |
| 6 | ✓ | | 2 | " —Injector | 1/4" " #1803 & 1/2 C.P. UNION. | | | | | |
| 7 | | | — | " —Lubricator | | | | | | |
| 8 | ✓ | | 1 | " —Siphon | 1 1/4" CRANE #1811 | | | | | |
| 9 | ✓ | | 1 | " — " Drain | 3/8" AIR COCK | | | | | |
| 10 | ✓ | | 1 | " —Steam Gauge Cock | 1/4" CYL. COCK - LEVER HANDLE & 3/8" C.P. UNION | | | | | |
| 11 | ✓ | | 1 | " —Water Glass Drain | 1/4" GLOBE } | | | | | |
| 12 | ✓ | | 1 | " —Steam Chest " | 1/2" " } | | | | | |
| 13 | ✓ | | 2 | " —Air Sander | 1/4" " } CRANE #1807. | | | | | |
| 14 | ✓ | | 1 | " —Oil Burner | 1/2" " } | | | | | |
| 15 | ✓ | | 1 | " —" Heater | 1 1/2" " } | | | | | |
| 16 | ✓ | | 2 | " —" " Drain | 3/8" AIR COCK | | | | | |
| 17 | ✓ | | 1 | " —" Tank Heater | 1/2" GLOBE } | | | | | |
| 18 | ✓ | | 1 | " —" Blow Back | 1/2" " } CRANE #1807 | | | | | |
| 19 | ✓ | | 1 | " —" Tank | 1/2" " } | | | | | |
| 20 | | | — | " —Cyl. Cock | | | | | | |
| 21 | ✓ | | 1 | Blow-Off Cock | 1 1/2" CRANE | | | | | |
| 22 | ✓ | | 6 | Cylinder " | 1/2" UNION BIBB. | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | **Group 27—Cocks & Val.** { Gauge, Water & Spec. | | | | | | |
| 25 | ✓ | | 3 | Gauge Cocks | 3/4" NATHAN TYPE 272 A 100 EXCEPT 3/4" P. THD. | | | | | |
| 26 | ~~✓~~ | | | | | | | | | |
| 27 | ✓ | | 1 | Water Gauge | #9 REFLEX. | | | | | |
| 28 | ✓ | | 2 | " " Cocks | 3/4" NATHAN. | | | | | |
| 29 | | | | | | | | | | |
| 30 | | | | **Group 37—Drawgear** | | | | | | |
| 31 | | | — | Draft Gear | | | | | | |
| 32 | | | | | | | | | | |
| 33 | | | — | Couplers | Knuckles—Face { SLOTTED SOLID | | | | | |
| 34 | | | | | | | | | | |
| 35 | | | — | Coupler Clevis | | | | | | |
| 36 | | | | | | | | | | |
| 37 | | | — | Coupler Link | | | | | | |
| 38 | | | | | | | | | | |
| 39 | | | | **Group 44—Exhaust Pipe** | | | | | | |
| 40 | ✓ | | 1 | Exhaust Pipe | 5" W.I. PIPE 8'-8 1/2" LONG. | | | | | |
| 41 | | | | | | | | | | |
| 42 | | | | **Group 45—Fire Door & Brick** | | | | | | |
| 43 | | | — | Fire Door | | | | | | |
| 44 | | | | | | | | | | |
| 45 | ✓ | | 200 | Fire Brick | 9"x4 1/2"x2 1/2" STEEL KING BRAND | | | | | |
| 46 | | | | | | | | | | |
| 47 | | | | **Group 54—Headlight & Lamps** | | | | | | |
| 48 | | | — | Headlight—Oil | | | | | | |
| 49 | ✓ | | 2 | " —Electric | 16" RD. CASE SUNBEAM | | | | | |
| 50 | | | — | " —Acetylene | | | | | | |
| 51 | ✓ | | 1 | " Generator | SUNBEAM TURBO | | | | | |
| 52 | | | — | " Switches | | | | | | |
| 53 | | | | | | | | | | |
| 54 | ✓ | | 1 SET | Headlight Equipment—Electric | 54M05004 | | | | | |
| 55 | | | | | | | | | | |
| 56 | ✓ | | 1 | Lamp—Cab | DAYTON ELECTRIC | | | | | |
| 57 | ✓ | | 1 | " —Water Gauge | " " | | | | | |
| 58 | | | — | " —Marker | | | | | | |
| 59 | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 55—Inj. & Feed Water** | | | | | | |
| 2 | 8 | | 1 | Injector—Right #6 NATHAN LIFTING | Connections—Steam 1½" COPPER | | | | | |
| 3 | | | — | LEVER HANDLE MONITOR TYPE #88 | " —Water ¼" IRON | | | | | |
| 4 | | | — | | " —Delivery ¼" " | | | | | |
| 5 | 8 | | 1 | Injector—Left #6 NATHAN LIFTING | " —Steam ½" COPPER | | | | | |
| 6 | | | — | LEVER HANDLE MONITOR TYPE #88 | " —Water ¼" IRON | | | | | |
| 7 | | | | | " —Delivery ¼" " | | | | | |
| 8 | | | — | Feed Water Strainers | | | | | | |
| 9 | 8 | | 2 | Inj. Check Valve | 1¼" SWING FOR 180# PRESSURE | | | | | |
| 10 | | | — | " " " Flange | | | | | | |
| 11 | 8 | | 2 | " Stop " | 552 C 5010 | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | **Group 57—Lagging & Jacket** | | | | | | |
| 14 | 8 | | 1 SET | Lagging—Boiler | 57M05006-A | | | | | |
| 15 | | | — | " —Cylinder | | | | | | |
| 16 | | | — | Washout Plug Cover | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | **Group 59—Lubrication** | | | | | | |
| 19 | 8 | | 3 | Oil Cup—Crosshead Pin | #3 SPRING TOP | | | | | |
| 20 | 8 | | 6 | " " — " Guide | #4 ELBOW SHANK | | | | | |
| 21 | | | — | " " —Crank Pin | | | | | | |
| 22 | | | — | " " — " Bearer | | | | | | |
| 23 | 8 | | 1 | Oil | SAMPLE CAN | | | | | |
| 24 | | | — | Grease Cup—Bottom Bracket | | | | | | |
| 25 | 8 | | 1 | Grease | SAMPLE CAN | | | | | |
| 26 | 8 | | 1 | Lubricator—Cylinder | NATHAN 5 FEED 1918 TYPE | | | | | |
| 27 | | | — | " —Air Pump | COMPLETE WITH STEAM VALVE | | | | | |
| 28 | | | — | " Checks | | | | | | |
| 29 | | | | | | | | | | |
| 30 | 8 | | 1 | **Group 60—Oil Burner** | 2" VON BODEN | | | | | |
| 31 | | | | | | | | | | |
| 32 | | | — | **Group 62—Pilot & Snow Plow** | | | | | | |
| 33 | | | | | | | | | | |
| 34 | | | | **Group 63—Pipe Fittings** | | | | | | |
| 35 | | | — | Fire Extinguisher | | | | | | |
| 36 | | | | | | | | | | |
| 37 | | | — | Hose—Fire | | | | | | |
| 38 | 8 | | 1 | " —Sander, Hand | 1¼" x 8'-0" LONG - 3PLY | | | | | |
| 39 | | | — | " — " , " | | | | | | |
| 40 | 8 | | 1 | " — " , Air | 1" x 16'-0" LONG - 3PLY | | | | | |
| 41 | 8 | | 1 | " —Siphon | 3" x 16'-0" " - ENLARGED ENDS | | | | | |
| 42 | | | — | " —Sprinkler | | | | | | |
| 43 | | | — | " —Tank Connection | | | | | | |
| 44 | | | | | | | | | | |
| 45 | | | — | Pipe—Copper Branch | O. D. Thick Long | | | | | |
| 46 | 8 | | 1 | " — " Tallow | ½" O. D. .083" Thick 17'-6" Long | | | | | |
| 47 | 8 | | 1 | " — " Inj. Steam | 1½" O. D. .109" Thick 3'-0" Long | | | | | |
| 48 | 8 | | 1 | " — " Lub. " | 1" O. D. .109" Thick 1'-6" Long | | | | | |
| 49 | 8 | | 1 | " — " Steam Gauge | 3/8" O. D. .065" Thick 3'-0" Long | | | | | |
| 50 | 8 | | 1 | " — " Air " | ½" O. D. .083" Thick 3'-0" Long | | | | | |
| 51 | | | — | " —Dry | | | | | | |
| 52 | | | — | " —Steam | | | | | | |
| 53 | | | | | | | | | | |
| 54 | | | | **Group 65—Piston & Rod** | | | | | | |
| 55 | 8 | | 9 SET | Piston Rod Packing | CD. 7719 SET 13 (PAXTON & MITCHELL) | | | | | |
| 56 | 8 | | 3 | " " " Spring | #9 | | | | | |
| 57 | 8 | | 9 | WASHOUT PLUGS | PRIME TO CARD 662 A 5007 | | | | | |
| 58 | | | | **Group 71—Running Boards** | | | | | | |
| 59 | | | — | Running Boards | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 73—Sand Box** | | | | | | |
| 2 | | | — | Sanders—Air | | | | | | |
| 3 | | | | | | | | | | |
| 4 | 8 | | 1 | Flue Sander Funnel | 732 A 5033 | | | | | |
| 5 | 8 | | 1 | " " Scoop | " | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | **Group 74—Shafts** | | | | | | |
| 8 | | | 2 | Gear Rim—Cut Teeth | | | | | | |
| 9 | | | | Pinion — " " | | | | | | |
| 10 | | | | " — " " | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | **Group 75—Smoke Box & Stack** | | | | | | |
| 13 | | | — | Smoke Box Netting | | | | | | |
| 14 | | | | " " " | | | | | | |
| 15 | | | | " " " | | | | | | |
| 16 | | | | Stack Netting | | | | | | |
| 17 | | | | " " | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | **Group 76—Springs** | | | | | | |
| 20 | | | — | Springs—Draft Gear | | | | | | |
| 21 | 8 | | 4 | " —Truck Box | 762 A 5007 | | | | | |
| 22 | 8 | | 40 | " — " Bolster | 762 A 5002 | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | **Group 78-St. Ga., S. Val. & Tur.** | | | | | | |
| 25 | 8 | | 1 | Steam Gauge | 5½" ASHCROFT-BRASS RING | | | | | |
| 26 | | | | | | | | | | |
| 27 | 8 | | 2 | Safety Valve | CONSOLIDATED FORM H — Size ½" Open — Set At 180# | | | | | |
| 28 | | | — | " " | " ~~Muffled.~~ ~~Set At~~ | | | | | |
| 29 | | | — | " " | Connections, Male, ~~Female~~ | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | **Group 81—Superheater** | | | | | | |
| 32 | | | — | Superheater Header | | | | | | |
| 33 | | | | " Tubes | | | | | | |
| 34 | | | | " Bands | | | | | | |
| 35 | | | | " Supports | | | | | | |
| 36 | | | | " Damper Cyl. | | | | | | |
| 37 | | | | | | | | | | |
| 38 | | | | **Group 82—Tank Valves** | | | | | | |
| 39 | 8 | | 1 | Tank Cock | 1¼" STOP COCK | | | | | |
| 40 | | | — | " Coal Gate Hinge | | | | | | |
| 41 | | | | **Group 92—Tools** | | | | | | |
| 42 | | | — | Equipment Sheet | | | | | | |
| 43 | 8 | | 1 SET | Wrench List | 92 MO 5008 | | | | | |
| 44 | 8 | | 1 PAIR | Wrecking Frogs | No. 4 LIMA. | | | | | |
| 45 | | | | | | | | | | |
| 46 | | | | **Group 94—Valves** | | | | | | |
| 47 | | | — | Valve Stem Packing | | | | | | |
| 48 | | | — | " " " Spring | | | | | | |
| 49 | | | | | | | | | | |
| 50 | 8 | | 3 | Valve Plate Spring | #3 | | | | | |
| 51 | | | | | | | | | | |
| 52 | | | — | Valve—Balance Slide | | | | | | |
| 53 | | | | | | | | | | |
| 54 | | | | **Group 95—Wheels & Tires** | | | | | | |
| 55 | | | — | Wheels—Chilled | | | | | | |
| 56 | | | | | | | | | | |
| 57 | | | | **Group 96—Whistle** | | | | | | |
| 58 | 8 | | 1 | Whistle | 5"-5 CHAMBER C.I. CHIME | | | | | |
| 59 | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 10—Ash Pan** | | | | |
| 2 | | | — | Ash Pan Hoppers | | | | |
| 3 | | | — | " " Slides | | | | |
| 4 | | | | | | | | |
| 5 | | | | **Group 12—Bell** | | | | |
| 6 | | | — | Bell Tongue | | | | |
| 7 | | | | | | | | |
| 8 | | | | **Group 14—Boiler Details** | | | | |
| 9 | | | 7 | Boiler Brace Roof Tees | | | | |
| 10 | | | | " " Crown " | | | | |
| 11 | | | | " Crown Bar Lugs | | | | |
| 12 | | | — | Mud Ring | | | | |
| 13 | | | | | | | | |
| 14 | | | | **Group 18—Brackets** | | | | |
| 15 | P | | 1 | Bracket, Bottom | 18-5 | | | |
| 16 | | | | " Crank Box Caps | | | | |
| 17 | | | | " Pad, Steam Bracket | | | | |
| 18 | | | | | | | | |
| 19 | | | | **Group 20—Brake Equipment** | | | | |
| 20 | | | — | Brake—Air Pump Bracket | | | | |
| 21 | | | — | " Beam | | | | |
| 22 | P | ✓ | 4 | " " Fulcrum | 20-21 | | | |
| 23 | P | ✓ | 8 | " Hanger Lugs | 20-7 | | | |
| 24 | P | ✓ | 8 | " Heads | 20-23 | | | |
| 25 | P | ✓ | 2 | " Lever Fulcrum | 20-26 | | | |
| 26 | | | — | " Rod Jaw | | | | |
| 27 | P | ✓ | 2 | " Reservoir Bracket | 20-481 | | | |
| 28 | | | 7 | " Valve Bracket | | | | |
| 29 | | | | " Strut | | | | |
| 30 | | | | " " | | | | |
| 31 | | | | | | | | |
| 32 | | | | **Group 21—Bumper** | | | | |
| 33 | | | — | Bumper—Front | | | | |
| 34 | | | — | " —Rear | | | | |
| 35 | | | | | | | | |
| 36 | | | | **Group 30—Crosshead** | | | | |
| 37 | P | | 3 | Crosshead | 30-7 | | | |
| 38 | | | | | | | | |
| 39 | | | | **Group 31—Cylinder** | | | | |
| 40 | | | — | Cylinder Frame, Right | | | | |
| 41 | | | — | " " , Left | | | | |
| 42 | | | | | | | | |
| 43 | | | | **Group 37—Drawgear** | | | | |
| 44 | | | | Draft Gear Frame, Right Front | | | | |
| 45 | | | | " " " , Left " | | | | |
| 46 | | | | Draft Gear Frame, Right Rear | | | | |
| 47 | | | | " " " , Left " | | | | |
| 48 | | | | " " Friction Plates | | | | |
| 49 | | | | " " Sliding Bar, Right | | | | |
| 50 | | | | " " Sliding Bar, Left | | | | |
| 51 | | | | " " Connecting Bar, Front | | | | |
| 52 | | | | " " Connecting Bar, Rear | | | | |
| 53 | | | | " " Yoke Blocks | | | | |
| 54 | | | | | | | | |
| 55 | P | | 2 | Couplers | 37-2 | | | |
| 56 | P | | 3 | " Knuckles | 37-4 | | | |
| 57 | P | | 2 | " Lock | 37-12 | | | |
| 58 | P | | 2 | " " Lifter | 37-13 | | | |
| 59 | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 37—Drawgear Con't.** | | | | |
| 2 | | | 7 | Drawheads | | | | |
| 3 | | | | " Carrier Links | | | | |
| 4 | | | | " Guides | | | | |
| 5 | | | | | | | | |
| 6 | 8 | | 2 | Brace Foot, Bolster | 37-73 | | | |
| 7 | 8 | | 2 | " " , Drawhead | 37-74 | | | |
| 8 | | | | | | | | |
| 9 | | | 7 | Shakle Bar Pocket, Eng. Frame | | | | |
| 10 | | | | " " " , Tender Frame | | | | |
| 11 | | | | " " Brace Foot | | | | |
| 12 | | | | | | | | |
| 13 | | | | **Group 39—Eccentrics** | | | | |
| 14 | | | — | Eccentric Strap—Top Half | | | | |
| 15 | | | — | " " —Bottom Half | | | | |
| 16 | | | | | | | | |
| 17 | | | | **Group 44—Exhaust Pipe** | | | | |
| 18 | | | — | Exhaust Pipe Gland | | | | |
| 19 | | | | | | | | |
| 20 | | | | **Group 48—Frame & Details** | | | | |
| 21 | | | 7 | Boiler Side Pad | | | | |
| 22 | | | | " " " | | | | |
| 23 | | | | Brace—Frame | | | | |
| 24 | 1 | | 2 | " —Front End Timber | 48-23 | | | |
| 25 | 8 | | 2 | " —Rear " " | 48-23 | | | |
| 26 | | | | | | | | |
| 27 | 8 | | 2 | Center Plate | 48-154 | | | |
| 28 | | | | | | | | |
| 29 | | | — | Deck Plate | | | | |
| 30 | | | | | | | | |
| 31 | | | — | End Casting | | | | |
| 32 | | | | | | | | |
| 33 | | | — | Expansion Plate Bracket | | | | |
| 34 | | | | | | | | |
| 35 | | | — | Furnace Bearer—Right | | | | |
| 36 | | | — | " " —Left | | | | |
| 37 | | | | | | | | |
| 38 | | | — | Side Bearing | | | | |
| 39 | | | | | | | | |
| 40 | 8 | | 4 | Truss Pads—Right | 48-8 | | | |
| 41 | 8 | | 4 | " " —Left | 48-9 | | | |
| 42 | | | — | " Rod Saddle | | | | |
| 43 | | | | | | | | |
| 44 | | | | **Group 58—Link Motion** | | | | |
| 45 | 8 | | 3 | Link | 58-1 | | | |
| 46 | | | — | " Hanger Fulcrum | | | | |
| 47 | | | | | | | | |
| 48 | | | | **Group 66—Plugs** | | | | |
| 49 | | | — | Washout Plug Cap | | | | |
| 50 | | | | | | | | |
| 51 | | | | **Group 68—Reverse Lever** | | | | |
| 52 | | | — | Reverse Lever Arm | | | | |
| 53 | | | — | " " Fulcrum Bracket | | | | |
| 54 | | | | | | | | |
| 55 | | | — | Quadrant Bracket | | | | |
| 56 | | | | | | | | |
| 57 | | | | **Group 71—Running Boards** | | | | |
| 58 | | | — | Running Board Bracket | | | | |
| 59 | | | | | | | | |

# ANNEALED STEEL CASTINGS

| | CHECK COLUMN | DATE ADDED INFORMATION DRAFT ROOM | NUMBER REQUIRED | NAME OF DETAIL | PATTERN NUMBER | PATTERN CHECK | PUR. ORDER No. | PUR. ORDER DATE |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 74—Shafts** | | | | |
| 2 | 8 | | 2 | Coupling Ring No. 1—Whole | 74-16. | | | |
| 3 | 8 | | 2 | " " No. 1—Halves | 74-17. | | | |
| 4 | 8 | | 2 | " " No. 2—Whole | 74-16. | | | |
| 5 | 8 | | 2 | " " No. 2—Halves | 74-17. | | | |
| 6 | | | | " " No. 3—Whole | | | | |
| 7 | | | | " " No. 3—Halves | | | | |
| 8 | | | | " " No. 4—Whole | | | | |
| 9 | | | | " " No. 4—Halves | | | | |
| 10 | 8 | | 1 | " Sleeve No. 1 | 74-315. | | | |
| 11 | 8 | | 1 | " " No. 2 | 74-315. | | | |
| 12 | | | | " " No. 3 | | | | |
| 13 | | | | " " No. 4 | | | | |
| 14 | | | | " Square Shaft No. 1 | | | | |
| 15 | | | | " " " No. 2 | | | | |
| 16 | | | | " " " No. 3 | | | | |
| 17 | | | | " " " No. 4 | | | | |
| 18 | | | | | | | | |
| 19 | 8 | | 2 | Collars—Line Shaft No. 1—Core | 74-3. | | | |
| 20 | 8 | | 2 | " —" " No. 1— " | 74-445. | | | |
| 21 | 8 | | 2 | " —" " No. 2— " | 74-3. | | | |
| 22 | 8 | | 1 | " —" " No. 2— " | 74-445. | | | |
| 23 | | | | " —" " No. 3— " | | | | |
| 24 | | | | " —" " No. 3— " | | | | |
| 25 | | | | " —" " No. 4— " | | | | |
| 26 | | | | " —" " No. 4— " | | | | |
| 27 | 8 | | 1 | " —" " Rear — " | 74-334. | | | |
| 28 | | | | | | | | |
| 29 | | | | COUPLINGS | | | | |
| 30 | 8 | | 1 | Crank—Front ~~Str.~~ Taper Core | 74-201. | | | |
| 31 | 8 | | 1 | " —Rear ~~Str.~~ Taper " | 74-201. | | | |
| 32 | 8 | | 1 | Line Shaft—Front " | 74-175. | | | |
| 33 | | | | " " No. 2—Front " | | | | |
| 34 | | | | " " No. 2—Rear " | | | | |
| 35 | | | | " " No. 3—Front " | | | | |
| 36 | | | | " " No. 3—Rear " | | | | |
| 37 | 8 | | 1 | " " Rear " | 74-175. | | | |
| 38 | | | | | | | | |
| 39 | 8 | | 4 | Gear Rims {H. C. Steel to Lima Specification L-2 | 74-67. | | | |
| 40 | | | | | | | | |
| 41 | 8 | | 4 | Pinions Core {H. C. Steel to Lima Specification L-2 | 74-70-A | | | |
| 42 | | | — | " " {H. C. Steel to Lima Specification L-2 | | | | |
| 43 | | | — | " " {H. C. Steel to Lima Specification L-2 | | | | |
| 44 | | | | | | | | |
| 45 | | | | **Group 75—Smoke Box & Stack** | | | | |
| 46 | 8 | | 2 | Smoke Box Brace Pad | 75-~~10~~ 11. | | | |
| 47 | | | | | | | | |
| 48 | | | | **Group 78—St. Ga., S. Val.& Tur.** | | | | |
| 49 | | | — | Safety Valve Turret | | | | |
| 50 | | | | | | | | |
| 51 | | | | **Group 79—Steam Pipes** | | | | |
| 52 | | | — | Steam Pipe | | | | |
| 53 | | | | | | | | |
| 54 | | | | **Group 85—Tender Frame** | | | | |
| 55 | | | — | Center Plate | | | | |
| 56 | | | | | | | | |
| 57 | | | | End Casting | | | | |
| 58 | | | | " Timber Brace | | | | |
| 59 | | | | Side Bearing | | | | |

# ANNEALED STEEL CASTINGS

| | CHECK COLUMN | DATE ADDED INFORMATION DRAFT ROOM | NUMBER REQUIRED | NAME OF DETAIL | PATTERN NUMBER | PATTERN CHECK | PUR. ORDER No. | PUR. ORDER DATE | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 88—Tender Tank** | | | | | |
| 2 | | | — | Tank Lug | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | **Group 91—Throttle** | | | | | |
| 5 | 8 | | 1 | Throttle Lever Quadrant | 91-3. | | | | |
| 6 | | | | | | | | | |
| 7 | | | | **Group 92—Tools** | | | | | |
| 8 | | | — | Swab Cup Wrench | | | | | |
| 9 | | | | | | | | | |
| 10 | | | — | Wrecking Frog—Right | | | | | |
| 11 | | | — | " " —Left | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | **Group 93—Truck & Details** | | | | | |
| 14 | | | 2 | Bolster End Casting—Right | | | | | |
| 15 | | | | " " " —Left | | | | | |
| 16 | | | | " Guides | | | | | |
| 17 | | | | | | | | | |
| 18 | 8 | | 2 | Center Plate | 93-133. | | | | |
| 19 | | | | | | | | | |
| 20 | | | — | Side Bearings | | | | | |
| 21 | | | | | | | | | |
| 22 | | | — | Truck Column—Right | | | | | |
| 23 | | | — | " " —Left | | | | | |
| 24 | | | | | | | | | |
| 25 | | | 2 | Truck Cross Tie Bar | | | | | |
| 26 | | | | " " " " | | | | | |
| 27 | | | | " " " " | | | | | |
| 28 | | | | | | | | | |
| 29 | | | 2 | Truck Frame—Right | | | | | |
| 30 | | | | " " —Left | | | | | |
| 31 | | | | " " Splice | | | | | |
| 32 | | | | | | | | | |
| 33 | 8 | | 2 | Truck Box—Right Front Truck | 93-29. | | | | |
| 34 | | | — | " " — " No. 2 " | | | | | |
| 35 | | | — | " " — " No. 3 " | | | | | |
| 36 | 8 | | 2 | " " — " Rear " | 93-29. | | | | |
| 37 | | | 4 | " " Cap—Right Front Truck | | | | | |
| 38 | | | | " " " — " No. 2 " | | | | | |
| 39 | | | | " " " — " No. 3 " | | | | | |
| 40 | | | | " " " — " Rear " | | | | | |
| 41 | | | | | | | | | |
| 42 | 8 | | 4 | Truck Pedestal | 93-~~196~~ 196 | | Changed to suit shops for future use 93-262 Add | | |
| 43 | 8 | | 4 | " " Cap | 93-95. | | Pattern 93-196 was in stock. | | |
| 44 | 8 | | 4 | " " Inside Box | 93-374. | | | | |
| 45 | | | | | | | | | |
| 46 | | | — | Journal Box Wedge | | | | | |
| 47 | | | | | | | | | |
| 48 | | | | **Group 94—Valves** | | | | | |
| 49 | | | — | Valve Stem Crosshead | | | | | |
| 50 | | | | | | | | | |
| 51 | | | | **Group 95—Wheels & Tires** | | | | | |
| 52 | | | — | Wheel Center | | | | | |
| 53 | | | | | | | | | |
| 54 | | | | **Group 96—Whistle & Rigging** | | | | | |
| 55 | | | — | Whistle Lever | | | | | |
| 56 | | | | | | | | | |
| 57 | | | | | | | | | |
| 58 | | | | | | | | | |
| 59 | | | | | | | | | |

# MALLEABLE CASTINGS

| | CHECK COLUMN | DATE ADDED INFORMATION DRAFT ROOM | NUMBER REQUIRED | NAME OF DETAIL | PATTERN NUMBER | PATTERN CHECK | PUR. ORDER No. | PUR. ORDER DATE |
|---|---|---|---|---|---|---|---|---|
| 1 | | | — | **Group 10—Ash Pan** | | | | |
| 2 | | | | | | | | |
| 3 | | | | **Group 12—Bell** | | | | |
| 4 | ✓ | ✓ | 1 | Bell Crank | 12-7 | | | |
| 5 | ✓ | ✓ | 1 | " Tongue | 12-2 | | | |
| 6 | | | | | | | | |
| 7 | | | — | **Group 18—Brackets** | | | | |
| 8 | | | | | | | | |
| 9 | | | | **Group 20—Brake Equipment** | | | | |
| 10 | | | — | Brake Heads | | | | |
| 11 | ✓ | ✓ | 1 | " Valve Handle | 20-44 | | | |
| 12 | | | | | | | | |
| 13 | | | | **Group 23—Cab Details** | | | | |
| 14 | ✓ | | 2 | Cab Window Clamp Screw | 23-2 | | | |
| 15 | | | — | " Storm Window Rod Bracket | | | | |
| 16 | ✓ | | 2 | " Ventilator Clamp | 23-3 | | | |
| 17 | | | | " " " | | | | |
| 18 | | | | " " " Brackets | | | | |
| 19 | | | | " " " Handle | | | | |
| 20 | | | | " " " Rod Bracket | | | | |
| 21 | | | | " " Lift Handle | | | | |
| 22 | | | | | | | | |
| 23 | | | | **Group 26—Cocks & Valves** | | | | |
| 24 | | | | Cylinder Cock Body | | | | |
| 25 | | | | " " Cap | | | | |
| 26 | | | | " " Lever | | | | |
| 27 | | | | | | | | |
| 28 | | | | Oil Cock Body | | | | |
| 29 | | | | " " Cap | | | | |
| 30 | | | | " " Plug | | | | |
| 31 | | | | | | | | |
| 32 | | | | **Group 27—Cocks & Val.** (Gauge, Water & Spec.) | | | | |
| 33 | | | — | Gauge Cock Handle | | | | |
| 34 | | | | | | | | |
| 35 | | | | **Group 28—Cock Rigging** | | | | |
| 36 | ✓ | | 3 | Cylinder Cock Rod Lever | 28-1 | | | |
| 37 | | | | | | | | |
| 38 | | | | **Group 37—Drawgear** | | | | |
| 39 | | | — | Coupler Clevis | | | | |
| 40 | | | — | " Link | | | | |
| 41 | | | | | | | | |
| 42 | | | — | Uncoupling Shaft Bracket | | | | |
| 43 | | | | | | | | |
| 44 | | | | **Group 53—Hand Rail & Steps** | | | | |
| 45 | | | — | Handrail Bracket | | | | |
| 46 | | | — | " Bumper Post | | | | |
| 47 | | | | | | | | |
| 48 | | | — | End Timber Handle Bracket | | | | |
| 49 | | | | | | | | |
| 50 | | | | **Group 54—Headlight & Lamps** | | | | |
| 51 | | | — | Marker Lamp Bracket | | | | |
| 52 | | | | | | | | |
| 53 | | | | **Group 55—Inj. & Feed Water** | | | | |
| 54 | | | | Hose Connection | | | | |
| 55 | | | | " " Nuts | | | | |
| 56 | | | | " " " | | | | |
| 57 | | | | " " Nipple | | | | |
| 58 | | | | | | | | |
| 59 | | | | | | | | |

# MALLEABLE CASTINGS

| | CHECK COLUMN | DATE ADDED INFORMATION DRAFT ROOM | NUMBER REQUIRED | NAME OF DETAIL | PATTERN NUMBER | PATTERN CHECK | PUR. ORDER No. | PUR. ORDER DATE |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Group 57—Lagging & Jacket** | | | | |
| 2 | 8 | | 36 | Jacket Band Lugs | 57-28. | | | |
| 3 | | | | | | | | |
| 4 | 8 | | 5 | Washout Plug Casing | 57-4. | | | |
| 5 | | | | | | | | |
| 6 | | | | **Group 59—Lubrication** | | | | |
| 7 | | | — | Grease Cup | | | | |
| 8 | | | | | | | | |
| 9 | | | — | Oil Cup | | | | |
| 10 | | | | | | | | |
| 11 | | | — | Oil Cup Base | | | | |
| 12 | | | | | | | | |
| 13 | | | | **Group 63—Pipe Fittings** | | | | |
| 14 | | | — | Blower Pipe Elbow | | | | |
| 15 | | | — | " " Flange | | | | |
| 16 | | | | | | | | |
| 17 | | | | **Group 68—Reverse Lever** | | | | |
| 18 | | | — | Reverse Lever Latch Handle | | | | |
| 19 | | | — | " " " Guide | | | | |
| 20 | | | | | | | | |
| 21 | | | | **Group 73—Sand Box** | | | | |
| 22 | | | — | Sand Box Lever | | | | |
| 23 | | | | | | | | |
| 24 | | | | **Group 75—Smoke Box & Stack** | | | | |
| 25 | | | 7 | Smoke Box Door Buttons | | | | |
| 26 | | | | " " " Hinge | | | | |
| 27 | | | | " " " " | | | | |
| 28 | | | | | | | | |
| 29 | | | | **Group 78-St. Ga., S. Val. & Tur.** | | | | |
| 30 | | | — | Turret Valve Handle | | | | |
| 31 | | | | | | | | |
| 32 | | | | **Group 82—Tank Valve** | | | | |
| 33 | | | 7 | Tank Cock Body | | | | |
| 34 | | | | " " Cap | | | | |
| 35 | | | | " " Plug | | | | |
| 36 | | | | | | | | |
| 37 | | | | **Group 91—Throttle & Dry Pipe** | | | | |
| 38 | | | 7 | Throttle Lever Latch Handle | | | | |
| 39 | | | | " " " Guide | | | | |
| 40 | | | | " " Quadrant | | | | |
| 41 | | | | | | | | |
| 42 | | | — | **Group 92—Tools** | | | | |
| 43 | | | | | | | | |
| 44 | | | — | **Group 93—Truck & Details** | | | | |
| 45 | | | | | | | | |
| 46 | | | | **Group 96—Whistle** | | | | |
| 47 | | | — | Whistle Lever | | | | |
| 48 | | | | | | | | |
| 49 | | | | | | | | |
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